

Overview for ThinkPad 1TB 5400RPM 6Gb/s 2.5" SATA Hard Drive [4XB0H30206]

The ThinkPad 1TB 5400RPM 6Gb/s 2.5" SATA Hard Drive option provides a robust thin design enabling a seamless upgrade from the primary hard drive of supported ThinkPad laptops. This affordable option provides good storage size along with advanced format and SATA data transfer capabilities. For additional storage and backup, install this drive as a second hard drive using the ThinkPad 9.5mm SATA Hard Drive Bay Adapter IV (0B47315).

TECHNICAL INFORMATION

- Form factor: 2.5inch
- Capacity: 1TB
- 5400-RPM Spindle speed
- 16MB buffer
- SATA Revision with 6Gbps interface
- Power specification
 - Spinup(max): 5W
 - Read/Write(Average): 1.7W
 - Idle: 0.57W

PERFORMANCE SPECIFICATIONS

- Interface: Serial ATA
- Capacity: 1TB
- Interface speed: 6Gbps
- Internal Transfer Rate: 140 MB/s
- Average Seek: Read: 12 mS; Write: 13 mS;
- Operating shock: 350Gs at 2ms max
- Operating Vibration: 0.063g²/Hz, 5Hz~40Hz; 0.063g²/Hz~0.0006g²/Hz, 40~500Hz
- Load-unload cycles: 600,000 at 25 degree C, 50% rel.humidity

PHYSICAL SPECIFICATIONS

- Approximate height: 7.0 mm (0.28 in)
- Approximate width: 69.85 mm (2.75 in)
- Approximate depth: 100.35mm (3.95 in)
- Approximate weight: 94 g (0.21lb)

- Full Packaging Size:
- Approximate height: 53 mm (2.087 in)
- Approximate width: 144 mm (5.669 in)
- Approximate depth: 177 mm (6.969 in)
- Approximate weight: 227 g (0.5 lb)

OPERATING ENVIRONMENT

- Temperature: 0 deg to 60 deg (B) (32 deg to 140 deg (F))
- Relative humidity: 8% to 90% (non-condensing)

Non-OPERATING ENVIRONMENT

- Temperature: -40 deg to 65 deg (B) (-40 deg to 149 deg (F))
- Relative humidity: 5% to 95%

AGENCY APPROVALS

- CE
- UL
- KC
- TUV
- BSMI
- C-Tick
- CUL
- RoHS

CABLE ORDERS REQUIRED: No

INSTALLATION TIME: Approximately 15 minutes

PACKAGING: One box (plain brown box -- not packaged for consumer)

SHIPMENT GROUP

- ThinkPad 1TB 5400RPM 6Gb/s 2.5" SATA Hard Drive
- Warranty Poster
- Important note

CHARGES - FRU PARTS

Field Replaceable Units (FRU)

Description -----	FRU Part # -----	Option Part # -----	H S - -
ThinkPad 1TB 5400RPM 6Gb/s 2.5" SATA Hard Drive	00HM719	4XB0H30206	R 4

Note.

'H' Warranty Handling - 'R' for Return or 'S' for Scrap

'S' Recommended Stock - An entry in this column indicates the recommended stocking quantity to support 1000 units

To view current field replaceable unit (FRU) parts, visit

<http://www.lenovo.com/support>